Signature

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

		for form 14						Complete	if Know	n		
	LAPS	DMAT	ΓΙΩΝ Ι	)ISC	I OSTIB	P	Application Number			10/943,238		
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT						Filing Date			er 3, 1997		
<b>'</b> .		FAIR	AIDI	APP	LICAN	(1	First Named Inventor		Masaa	ki HIROKI et al.		
4	ME 15 200	b (use a m	any sheets (	as necess	ary)		Group Art Unit		2814			
\\\f\ <sub>2</sub>	ř!						Examiner Name S. R		S. Rac	0		
V	Sheet FANDA	or.		of	1		Attorney Docket Number		0756-	1724		
						Ū	I.S. PATENT DOCUMENT	Š				
	Examiner Initials	Cite No.1	Cite		S. Patem Document		e of Patentee or Applicant of Cited	Date of Publication of Cited Document MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
			Number		Kind Code <sup>2</sup> (if known)		Document	,,44,-DD-11	••			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

			-							_
	-				FOF	REIGN PATENT DO	CUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document				Name of Patentee or	Date of Publication o	Wh	ages, Columns, Lines, ere Relevant Passages or	
4.1		Office <sup>3</sup> Number		Kind Code <sup>†</sup> Number <sup>6</sup> (if known)		Applicant of Cited Documen	# MM-DD-YYYY	r R	elevant Figures Appear	Τ <sup>4</sup>
706		JP	49-078483				07/29/1974			Full
521		JP	49-098964				09/19/1974			Full
					_					
	$\bot$			$\perp$				_	$\leq$	ļ
										_
Initials*	No. <sup>1</sup>	item (book, magazine, journ				ublisher, city and/or coun		VD/01110-13300		
						•				
						· · · · · · · · · · · · · · · · · · ·				
					_					
			//							
			, , , , , , , , , , , , , , , , , , , ,							

<sup>\*</sup>EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 10/31/2002. OMB 0651-0031
Approv

Substitut	for form 1449A/PTO		1	MARK OFFICE	Complete if Known
INFO	RMATION	DISC		Application Number	08/943,238
	_			Filing Date	October 3, 1997
31A	REMENT BY		-	First Named Inventor	Masaaki HIROKI et al.
	(use as many sheets	as necessi	ary)	Group Art Unit	2814
				Examiner Name	S. Rao
Sheet	1	of	1	Attorney Docket Number	0756-1724

				U.S. PATENT DOCUMEN	TS	
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent	Document	Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)	Document	MM-DD-YYYY	
BL		4,748,510		Umezawa	05/31/1988	
9		5,296,870		Nicholas	03/22/1994	
		<u> </u>				
		{			and the second s	

				FO	REIGN PATENT DOC	UMENTS			
Examiner Initials	Cite No.	Office	Foreign Patent Document  Kind Co Number (if know		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where	es, Columns, Lines, Relevant Passages or vant Figures Appear	т•
SU		JP	62-226192			10/05/1987		0 -	U.S. Equiv.
1	+	JP	62-031278			02/10/1987		VIII->	Abst.
	<b></b>	JP	02-004093			01/09/1990	16	1 /	Abst.
		JP	61-018755			05/14/1986			Con.
	ļ							(	Stmt.
		JP	02-177679			07/10/1990			Abst.
		JP	02-146878			06/06/1990			Abst.
		JP	59-211087			11/29/1984			Con. Stmt.
		JP	58-066477			04/20/1983			Abst.
1	1	JP	56-043679			04/22/1981			Full
		JP	62-142480			06/25/1987			Abst.
\		JP	63-170692			07/14/1988			U.S. Equiv.
		EP	0 271 960	$\neg$		06/22/1988	1		Eng.
Sn		JP	57-109994			07/08/1982	4	nly_	Con. Stmt.
· · · · · · · · · · · · · · · · · · ·	<del></del>		OTHER PR	IOR A	RT – NON PATENT LITE	RATURE DOCUMENTS		<del></del>	
Examiner Initials*	Cite No.1			journa	in CAPITAL LETTERS), title I, serial, symposium, catalog, publisher, city and/or country		T³		
				<u> </u>					

Examiner Date Signature Considered

•EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS OF NOW

Examiner

Signature

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

08/943,238
October 3, 1997
Masaaki HIROKI et al.
2814
S. Rao
0756-1724

			U.S. PATENT DOCUM	ENTS		
Examiner Initials	Cite No.1	U.S. Patent Documer	Name of Patentee or Applicant of Cite	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number Kind (if lan	Code <sup>3</sup> Document own)	MM-DD-1111		
4		5,075,674	Katayama et al.	12/24/1991		
				<u> </u>		

				F(	DREIGN PATENT DOC	UMENTS		·		
Examiner Initials	Cite No. <sup>1</sup>	Office <sup>3</sup>	Foreign Patent Doo	Kind Code <sup>3</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ť		
SI		JP	58-118691			07/14/1983	CALL	Abst.		
		JP	02-079476			03/20/1990	1	Abst.		
		JP	01-134342			05/26/1989	(1) ().	Abst.		
n		EP	0 318 224			05/31/1989	1 (Svey	Eng.		
<u> </u>										
Examiner Initials	Cite	<u> </u>	Include name	of the author	(in CAPITAL LETTERS), titl	le of the article (when approp	riate), title of the	T <sup>2</sup>		
Initials	NO."	item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.								
								<b>-</b>		
				_						
								,		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether want citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

Considered

Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.